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## APPEL D'OFFRES MODIFICATION 001

### RÉPARATION À L'ENVELOPPE DU BÂTIMENT

Station Radar King, 14780, rue Jane  
King City (Ontario)  
L7B 1A3

Numéro de Sollicitation : KW405-13-0328

Date de clôture : 16 juillet 2013

Heure de clôture: 14h00 (Heure Avancée de l'Est)

TRANSMETTEZ TOUTES LES DEMANDES DE  
RENSEIGNEMENTS À :

**L'Autorité contractante :**

**Isabelle Guilbault, Agent d'approvisionnement**  
Environnement Canada  
Direction générale des biens, de l'approvisionnement  
et de la gestion environnementale  
1240 – 2021, Union  
Montréal (Québec) H3A 2S9  
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Courriel : isabelle.guilbault@ec.gc.ca

SOUMETTEZ LES OFFRES À :

**Environnement Canada**  
1240 – 2021, Union  
Montréal (Québec)  
H3A 2S9

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**NOTE IMPORTANTE AUX SOUMISSIONNAIRES :**

***Les demandes de renseignements durant la période de soumission doivent être adressées seulement par écrit, par facsimile ou par courriel à l'autorité contractante nommée ci-dessus et doivent être reçues au plus tard cinq (5) jours civils avant la date de clôture.***

*Le non-respect des exigences exprimées aux présentes donnera lieu au rejet de la soumission*

## **MODIFICATION N<sup>o</sup> 001**

Veuillez trouver ci-inclus la modification susmentionnée qui fait partie intégrante des documents de soumission. Cette modification modifie les documents de soumission de la façon indiquée ci-après. Il n'y aura pas d'autre confirmation écrite. Tous les renseignements inclus dans cette modification ont préséance sur les informations émises antérieurement.

### **1- RENSEIGNEMENTS SUPPLÉMENTAIRES AUX DEVIS**

*Plans et devis:*

(Voir le document « PDF » ci-joint)

### **2- PARTICIPATION À LA VISITE DES LIEUX**

*Liste*

(Voir le document « PDF » ci-joint)



Project: BUILDING ENVELOPE REPAIRS  
Solicitation number: KW405-13-0328  
Location: King Radar Station, 14780 Jane Street King City (Ontario L7B 1A3)  
Date: July 11, 2013

#### **ADDENDUM # 1**

The following revisions, clarifications and modifications are in response to Bidders site meeting, held Thursday **July 4th 2013 at 10h30 am** and questions asked.

**1. Amend Section 2.1 Scope of work, Section 01 11 00:**  
**2.1 Grade Level Protection and Access**

- .1 **Access:** Provide access to all exterior walls of the Research and Radar Buildings as required to facilitate the performance and inspection of the work described herein. This shall include all related equipment, safety supervision, engineering, etc.
- .2 **Grade Level Protection:** Supply, install and maintain a construction barrier around the grade level work area throughout the course of the work. Provide overhead protection at all building entrances/exits and all emergency and service routes. Access to the building entrances/exits must be maintained at all times.

**2. Amend Section 2.2 Scope of work, Section 01 11 00:**

**2.2 Reclad Exterior Walls at Research Building (Drawing SK-1):** Remove and dispose of the existing exterior metal cladding and provide new masonry veneer at all elevations as per Drawing SK-1, Details PD-1 and PD-2, and PD-4 and as per Specification Sections 04 01 20.91, 04 05 13.00, 04 05 19.00, 04 05 23.00, and 04 21 13.00. This includes removing and re-instating the windows to allow for new stud installation and refinish all the drywall from inside where nails may pop including sanding and painting. Openings have found the existing exterior wall system to consist of (from the interior to exterior):

- Interior drywall
- 3-5/8" steel studs with fiberglass batt insulation
- Air space
- 3" metal cladding (vertical)

- .1 Bricks: Supply and install new brick masonry as per Section 04 01 20.91 and as approved by Owner and Consultant.
- .2 Lateral Securement Ties: Supply and install lateral securement ties for new masonry as per Section 04 05 19.
- .3 Vertical Control Joints in Masonry: Provide control joints in the brick masonry 1200mm away from building corners and spaced 6000mm on centre through-out the wall.
- .4 Drain Vents in the Base of the Masonry Panels: In the first course of bricks above shelf angles, provide and the specified cell vents (Section 04 05 23.00) at every 3<sup>rd</sup> head joint.

**3. Amend Section 2.3 Scope of work, Section 01 11 00:**  
**2.3 New Concrete Ramp and Stairs Installation**

Install a new concrete ramp and stairs at the main entrance at the north elevation of the Research Building as per details PD-5 and PD-6. Remove and replace the existing interlocking



pavement and curb with new asphalt pavement. Install new 2.5m long precast concrete curbs anchored to the pavement along the length of the ramp with 600mm long pins. The precast curb is to be offset 300mm from the ramp edge.

New pavement shall be 60mm HL-8 Base Course and 40mm HL-3 Wear Course as per section Bases and Paving 31 11 00.

**4. Amend Section 2.4 Scope of work, Section 01 11 00:**

**2.4 Interior Repairs at Research and Radar Buildings**

1. Insulation and Vapour Control Layer: Locally replace insulation where removed with new fiberglass batt insulation (match existing thickness). Provide new 6 mil polyethylene vapour control layer.
  2. Wet Insulation: During Metal Siding removal, where wet insulation is encountered, remove and replace insulation with new fiberglass batt insulation (match existing thickness and R-value). Reuse existing vapour barrier where possible. Install new vapour barrier where required.
  3. Drywall: Locally replace drywall where removed to match existing including reinstatement of the electrical receptacles. Tape and mud the drywall joints, sand and prepare surfaces. Apply primer and two coats of interior grade latex paint on all walls in the repaired rooms.
  4. Office 1 (Research) and Office 4 (Radar): Remove temporary drywall and supply and install all materials, including insulation, drywall and polyethylene, to reinstate the offices to match surrounding exterior walls. Apply primer and two coats of interior grade latex paint on all walls in the repaired rooms.
  5. Ceiling Tiles: Remove and dispose of all stained ceiling tiles in both buildings and replace with new tiles that match the existing.
5. Add to the scope the areas in section PD-5 needed to install a new precast concrete sleeper anchored to pavement along the length of the ramp at the pavement level. The precast curb is to be 300mm offset from the ramp edge so that the vehicles can be parked easily without hitting the concrete. Contractor to supply and install 24 linear feet of precast concrete parking curbs along the face of the new concrete ramp of research building: Supply and install of three 8' precast concrete parking lot curb, Supply and install of 24" long pins for anchoring to asphalt. See attached revised scope of work and pricing sheet.
6. Section PD-5 Add install asphalt 60mm HL-8 Base Course and 40mm HL-3 Wear Course over existing subgrade in these areas. This is added to the Scope of work section and pricing sheet item A10.
7. The areas marked in green in section PD-5 is to be demolished and constructed with new concrete platform and installed on 200mm thick granular A base compacted to 98% standard proctor density ( SPD) . The subgrade is to be compacted to 95 % SPD. Seal the joint of the existing asphalt. PD-5 refers to the specifications - See section 31 11 00 Part 2, Item 2.1, 2.2 and Part 3 Item 3.1 and 3.2

**Questions Asked:**

1. The roof curb has cap flashing around the perimeter of the research building where brick veneer is to be installed. Are we replacing this flashing?.

**Answer** – Remove and Replace with new Eavestrough and Metal Flashing to match existing, pricing to be included in Item A3.

2. The new steel studs placement on the perimeter of the research building may cause the nails to pop open in the inside face of the dry wall , are we to re-finish all the dry walls from inside where the nails pop open sand and paint.

**Answer** – Include for refinishing nail pops including mud, taping, sanding and painting to match existing (Use Item A3 for pricing)

3. The new studs will be installed in between existing studs are we to re-use existing Batt insulation or install new insulation.

**Answer** – Remove and Replace Wet insulation – Item A8 includes vapour Barrier, and drywall repairs – we have added an additional Item A2 to account for only additional insulation and Vapour Barrier that may be required – See revised bid form and scope of work amendment.

4. Pricing sheet to move and relocate office furniture and storage container reinstate to its original location indicated in previous items numbers A2 and B3, can the owner carry an allowance for this work, as it is difficult to estimate the cost without knowing what needs to be moved as the mould abatement is not completed in the building and the removals areas are unknown at this time. Or can the owner complete this work in a separate contract with the moving company.

**Answer** –Environment Canada will complete this work in a separate contractor outside of this renovation contract. All costs associated for moving, furniture and books relocation will be part of this contract and the general contractor is not required to provide this service in their price, this item has been deleted from the scope of work.

5. Pricing sheet item A2,A 8 and B4 the repair quantities carried is at one location or spread in various locations throughout the building and the total area estimated is indicated.

**Answer** - Various locations and the estimated quantity is in the bid form and will be paid as a unit price item.

- .6 Refer to new pricing sheet attached as part of this addendum.

STATEMENT B – BID						
<b>Notes:</b>						
<b>Unit Price Quantities:</b> Accurate quantities for portions of the Contract cannot be pre-determined; they will be established as part of the Work. The estimated quantities below are approximate and serve to establish the Estimated Contract Price.						
<b>Taxes and Overhead:</b> The prices are for the completed work, including all overhead, profit and other Contractor related expenses. All pricing is to exclude Value Added Taxes.						
<b>All Other Items:</b> Costs for items that are not specifically itemized and described below, but are required to complete the work in accordance with the Drawings and/or Specifications, and whose quantities can be pre-determined, are to be included under “All Other Items”.						
NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY		UNIT PRICE		PRICE FOR ITEM
A	Research Building					
A1	Mobilization & Demobilization	1	Lump Sum			\$
A2	Remove and Replace wet insulation, including supply new insulation	150	m <sup>2</sup>		/m <sup>2</sup>	\$
A3	Masonry Reclad - remove existing steel cladding complete and replace with new brick veneer complete in all elevations.	1	Lump Sum			\$




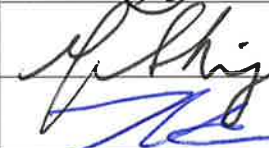






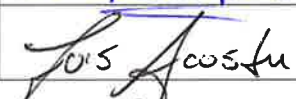

A4	Install new galvanized steel lintels as per PD-2	35	m		/m	\$
A5	Install new metal flashing as per PD-1 and PD-2	70	m		/m	\$
A6	Install new steel studs as per PD-4	300	each		/ea	\$
A7	Office 1 - Remove existing temporary drywall and install new drywall (exterior wall) , insulation, vapour retarder and paint all walls as shown on SK-1	1	Lump Sum			\$
A8	Replace insulation, vapour retarder, drywall where removed and paint all walls.	165	m <sup>2</sup>		/m <sup>2</sup>	\$
A9	Replace ceiling tiles where stained	25	each		/ea	\$
A10	New Concrete steps & platform, new asphalt paving, including demolition of existing concrete and excavation work..	1	Lump Sum			\$
A11	Remove and Replace Sealant	1	Lump Sum			\$
A 12	Supply and install new 2.5m long concrete curbs including anchorage	3	each		/ea	\$
B	Radars Building					
B1	Mobilization & Demobilization	1	Lump Sum			\$
B2	Localized EIFS Repairs					
a)	Repair EIFS Small Cracks (<1.5mm) with Stretch Coat of Elastomeric Coating	5	m		/m	\$
b)	Repair EIFS Large Cracks (>1.5mm)	15	m		/m	\$
c)	Patch Delaminated EIFS Lamina (min 0.1m <sup>2</sup> payment)	5	m <sup>2</sup>		/m <sup>2</sup>	\$
d)	Remove and Replace EIFS to match existing	40	m <sup>2</sup>		/m <sup>2</sup>	\$
B3	Office 4 - Remove existing temporary drywall and install new drywall (exterior wall) , insulation, vapour retarder and paint all	1	Lump Sum			\$



	walls in the room as shown on SK-2					
B4	Replace insulation, vapour retarder, drywall where removed and paint all walls	90	m <sup>2</sup>		/m <sup>2</sup>	\$
B5	Replace ceiling tiles where stained	25	each		/ea	\$
B6	Remove and Replace Sealant	1	Lump Sum			\$
C	All Other Items ( electrical , sitework, access, or anyother items not listed here )	1	Lump Sum			\$
D	Material Testing Allowance	1	Allowance			\$ 2,000.00
	ESTIMATED TOTAL BASE BID (Excluding HST)					\$
	H.S.T					\$
	TOTAL BASE BID					\$
	ESTIMATED START DATE:			(month/day/year)		
	CONTRACT DURATION:			(weeks)		
X	Optional Items	ESTIMATED QUANTITY		UNIT PRICE		PRICE FOR ITEM
X1	Install two coats of elastomeric coating over all EIFS on Radar Building	1	Lump Sum			
X2	Install a new metal flashing along the top of the stepped out EIFS at the base of the building	1	Lump Sum			
X3	Remove and replace all exterior wall insulation at the Research Building	1	Lump Sum			

**ENVIRONMENT CANADA**  
List of Attendees at the Mandatory Site Meeting/Job Showing  
For  
**Solicitation #KW405-13-0328**  
**BUILDING ENVELOPE REPAIRS**  
**King Radar Station, 14780 Jane Street**  
**King City (Ontario)**

The following personnel as listed below were present at the Mandatory Site Meeting/Job Showing at 10:30 am on July 4<sup>th</sup> 2013 for the above referenced project.

Name (Print)	Company/Firm	Signature	Picked up Specs/Draw at site visit	Fax Number	Email
Igor Danilov	Limex Group			416-638-7363	igor@limexgroup.com
GAMN BENING	EAGLE RESTORATION			416-744-6901	gbening@eaglerestoration.ca
FRANK D'Gineon	EDGE Group Ltd			416-360-0077	frank@edgegroup.com
CRAIG BOWIE	BOWIE CONTRACTING LTD			416-676-3140	craig@bowiecontracting.com
SEAN LEIGH	CLIFFORD RESTORATION			416-691-1329	sean@cliffordrestoration.com
AUTHONT MONAROU	KIB BUILDING RESTORATION			905-614-0003	amouar@kibrestoration.com
PAUL SEIDEN	PA CONSTRUCTION RESI.			416-767-8006	seidenp@yahoo.ca
RAMAD CHAUDHARI	R-CHAD ORIGINAL CONTRACTORS INC			905-482-2542	INFO@RCHAD.CA
LUIS ACOSTA	Action Scaffold			905-673-2015	luis.acosta@bellnet.ca
STAVO VUKASOVIC	TOUCH FOS. LTD.			416-620-5300	STAVO@TOUCHFOSFORMATION.COM

Prepared by: \_\_\_\_\_  
Print Name Signature Date

Witnessed by: ASIF MOHAMMED  04/07/2013  
Print Name Signature Date